PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-322136

(43)Date of publication of application : 14.11.2003

(51)Int.Cl. F16C 3/03
F16D 1/06

(21)Application number : 2002-129467

(22)Date of filing : 01.05.2002

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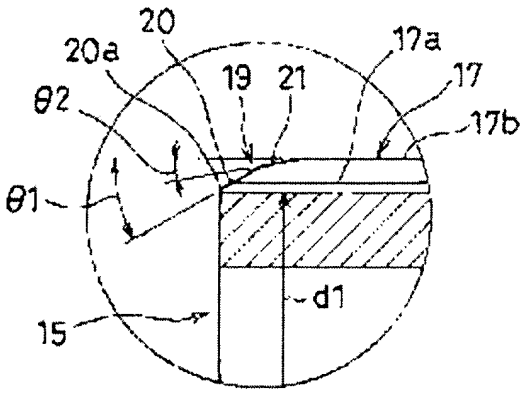
(54) JOINT MEMBER FOR POWER TRANSMISSION DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To solve the problem of a conventional joint member that a gouged phenomenon caused by the top of a serration projection may be generated on the inner peripheral surface of an inner peripheral layer.

SOLUTION: This joint member for a power transmission device comprises a cylindrical shaft element made of a fiber reinforced resinous material, and a joint member having a fitting portion pressed and fitted to one end of the cylindrical shaft element from a tip end side at one end side. A serration 17 engaged with the inner peripheral surface of the cylindrical shaft element is formed on the outer peripheral surface of the fitting portion 15 in an axial direction. A guide surface 19 formed at the tip end of the fitting portion so as to continue to the serration comprises a guide 20 having an outer diameter smaller than one end inner diameter of the cylindrical shaft element in the tip end side, and a cutting portion 21 continuously formed to the serration between the guide and the fitting portion outer peripheral surface. A taper angle θ2 is set to be smaller than the taper angle θ1 of the guide.



LEGAL STATUS

[Date of request for examination]	17.08.2004
[Date of sending the examiner's decision of rejection]	
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]	
[Date of final disposal for application]	
[Patent number]	
[Date of registration]	
[Number of appeal against examiner's decision of rejection]	
[Date of requesting appeal against examiner's decision of rejection]	
[Date of extinction of right]	